

19980804.qrp v01_n173.qrs.980804

Date: Tue, 4 Aug 1998 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1173

QRP-L Digest 1173

Topics covered in this issue include:

- 1) [16772] Geared Motors
by Wayne Montague <montaw@tdbank.ca>
- 2) [16773] Thanks!
by n5inz@juno.com (John M Andrews)
- 3) [16774] Elmer 300- another starting point
by n5inz@JUNO.COM (John M Andrews)
- 4) [16775] Lost Creek Wilderness-QRP
by K0su@kktv.com
- 5) [16776] LMC662 & LP2351 group purchase
by Paul Helbert <phelbert@rica.net>
- 6) [16777] Cushcraft ATV 5 Manual
by Norman Young <normany@mindspring.com>
- 7) [16778] Autek RF-1 Power Output
by Leigh Hawkes <lhawkes@navnet.net>
- 8) [16779] Re: Autek RF-1 Power Output
by "George T. Baker" <w5yr@swbell.net>
- 9) [16780] 20M Rig - Seeking backpack radio equipment advice
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 10) [16781] Results: LI/NJ-QRP Doghouse Operation Sprint
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 11) [16782] NorCal 'T' Shirts & Zombie 'T' Shirts
by Jerry Parker <jparker@fix.net>
- 12) [16783] Re:Sailin QRPer this Weekend
by Ken LaRose <kenlar@csolve.net>
- 13) [16784] New Key from Wm M. Nye Co
by "Marshall Emm" <mgemm@mtechnologies.com>
- 14) [16785] SST-20 For Sale
by n4so@juno.com (charles k brown)
- 15) [16786] archives
by talljazz@teleport.com (Dan Presley)
- 16) [16787] Compact Antenna page
by mwattcpa@earthlink.net (Marty Watt)
- 17) [16788] QRP-ers in/around Okanagan Valley (BC) ?????
by "Eim Mulder" <mulder@server4.nfra.nl>
- 18) [16789] Mosley Antenna
by "carlos garrett III" <irpilot2@pluto.skyweb.net>
- 19) [16790] Variable Caps

- by Chuck Carpenter <w5usj@webwide.net>
- 20) [16791] GQRP - LDG ATU problem
by Wayne Dillon <w.dillon@ic.ac.uk>
- 21) [16792] Re: New Key from Wm M. Nye Co
by Wayne Alexander <walexander@wwn.net>
- 22) [16793] Re: New Key from Wm M. Nye Co
by Paul Helbert <phelbert@rica.net>
- 23) [16794] Twin lead fed dipoles and some thoughts.
by Jess Gypin <jessqrp@concentric.net>
- 24) [16795] Re: Norcal paddie part problem solved
by PGHDTs@aol.com
- 25) [16796] forwarded message
by Thomas Roth <th.roth@apc.de>
- 26) [16797] Re: Elmer 300- another starting point
by Bruce Muscolino <w6toy@erols.com>
- 27) [16798] White Mountain SSB Rig CW mod.?
by rhiller@sysdev.com (Rick Hiller)
- 28) [16799] Re: NorCal 'T' Shirts & Zombie 'T' Shirts
by Jerry Parker <jparker@fix.net>
- 29) [16800] UGLY CONTSTUCTION
by "DONALD G. DORN" <DDORN@swbell.net>
- 30) [16801] [G3TUX@aol.com: GQRP - LDG ATU problem]
by af852@rgfn.epcc.edu (William R Colbert)
- 31) [16802] cf zepps
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 32) [16803] Re: White Mountain SSB Rig CW mod.?
by Bruce Ratray <rattray@gpfn.sk.ca>
- 33) [16804] Magnifying Lamps
by af852@rgfn.epcc.edu (William R Colbert)
- 34) [16805] Vibroplex Presentation
by alan dawkins <alk0frp@earthlink.net>
- 35) [16806] Island radio expedition
by Jim <kj5tf@madisoncounty.net>
- 36) [16807] Norcal 20 kit
by "Jeff M. Gold" <JGold@tnitech.edu>
- 37) [16808] Re: Oh see the problem
by talljazz@teleport.com (Dan Presley)
- 38) [16809] Speach/Presentation Help Pse
by jfd - WA8GHZ /5 <jdougher@wt.net>
- 39) [16810] Bumblebee #36 Report
by Bob Cooley <ad4mz@rocketmail.com>
- 40) [16811] Re: Norcal 20 kit
by Kory Hamzeh <kory@avatar.com>
- 41) [16812] Patch Panels vs Coax Switches
by "James Apple" <wb1dog@hotmail.com>
- 42) [16813] Re: New Key from Wm M. Nye Co
by "Marshall Emm" <mgemm@mtechnologies.com>
- 43) [16814] Zombie Badges

by Chris Cartwright <ccart@dns.vidtel.com>
44) [16815] Re: Dummy load
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
45) [16816] Re: Norcal 20 kit
by Paul Harden <pharden@aoc.nrao.edu>
46) [16817] Re: Norcal 20 kit
by Paul Helbert <phelbert@rica.net>
47) [16818] Maxim Engineering Journal
by n4so@juno.com (charles k brown)
48) [16819] Re: QRP Antennas
by w4pj@w4bkx.ampr.org
49) [16820] Practical Wireless SG-2020 Review.
by "Vincent Ferme" <vferme@sprint.ca>
50) [16821] Re: Patch Panels vs Coax Switches
by "George T. Baker" <w5yr@swbell.net>
51) [16822] WALL DRUG Update!
by Paul Harden <pharden@aoc.nrao.edu>
52) [16823] RE: UGLY CONTSTUCTION
by Tracy@bytemark.com (Tracy)
53) [16824] Re: Patch Panels vs Coax Switches
by David Fouchey <dafouche@jax-inter.net>
54) [16825] Re: RF OUTPUT STAGE FOR 40M ?
by w0yse@juno.com (Neil Klagge)
55) [16826] Re: QRP Antennas
by w0yse@juno.com (Neil Klagge)
56) [16827] Re: New Key from Wm M. Nye Co
by "Joe Spencer" <joes@tcjc.cc.tx.us>
57) [16828] ByteMark Amidon Surplus
by Tracy@bytemark.com (Tracy)
58) [16829] Re: ByteMark Amidon Surplus
by KC5TJA <kc5tja@topaz.axisinternet.com>
59) [16830] Re: Elmer 300- another starting point
by SKIPNC90@aol.com
60) [16831] QRP and Computers
by we6w@juno.com (Ed D. Loranger)
61) [16832] NorCal 20 Info
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
62) [16833] Re: WALL DRUG Update!
by Tom Bowman <tbowman@nbn.net>
63) [16834] Geared Motors
by Wayne Montague <montaw@tdbank.ca>

Date: Mon, 03 Aug 1998 20:18:08 -0400
From: Wayne Montague <montaw@tdbank.ca>
To: qrp-l@Lehigh.EDU
Subject: [16772] Geared Motors

Message-ID: <35C65340.2154@tdbank.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello -

Anyone know a source of 1 RPM geared 12V motors?

I'm thinking on building a loop antenna for 80/40 and need such to drive the loop tuning capacitor.

I don't need a lot of torque - with that kind of reduction, it would happen anyway with a good 'hobby motor'.

Any ideas?

Thanks -

Wayne
VE3EFJ

Date: Mon, 3 Aug 1998 20:09:23 -0500
From: n5inz@juno.com (John M Andrews)
To: qrp-l@Lehigh.EDU
Subject: [16773] Thanks!
Message-ID: <19980803.200923.3198.39.N5INZ@juno.com>

Thanks to all who provided info on the dummy load and mixer from Summerfest.

You folks are great!

72, John- N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 3 Aug 1998 20:06:04 -0500
From: n5inz@JUNO.COM (John M Andrews)
To: qrp-1@Lehigh.EDU
Subject: [16774] Elmer 300- another starting point
Message-ID: <19980803.200923.3198.38.N5INZ@juno.com>

Howdy:

As Chuck mentioned.....This is a Work In Progress.

A few minor points need to be made- The 200, 300, and QRP-CD are not vapor-ware. They are as real as your participation will be. Participate.

"Ugly Construction" is just two words. They mean nothing. Someone mentioned that some of the best looking gear they ever saw was using the methods outlined in these posts.

Agreed. On the other hand...look at the work of Wes, W7ZOI, his stuff scares me...and...it works better then the best I could even dream of. Pick your own ground...and play.

Qst from May to September 1974 ran a series on building an 80 Metre receiver that used the ugly method. The final product was a great working superhet with nothing but transistors as the active devices.

The neophyte will find this a great project. It even has drawings to show the point-to-point wiring.

Don't jump the gun and say "Fine, but I don't have these old QST's."

QST comes bundled in groups of 4 years on CD and I have seen it on sale for as low as \$33.00(39.00 list). That's about a years membership in ARRL. Both are great bargains.

Someone in Dallas sent me a near copy of the project and photos will be published on the QRP-CD.

Even if you have no desire to build this receiver, the materiel is still valid and worth the investment.

That's it.

72, John- N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: 3 Aug 1998 19:15:16 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [16775] Lost Creek Wilderness-QRP
Message-ID: <199808040111.VAA54872@nss4.cc.Lehigh.EDU>

Well gang, there I was backpacking again with my Scouts and trusty NE 4040. These five mile hikes at 9,000 feet elevation seem to get tougher and tougher. I would swear some one added a couple of extra hills on this hike that I don't remember from past trips.

Again, I picked a contest weekend to be out in the woods. The NA guys were going a little fast for me, but I did manage to catch one CA station before hitting the sack.

That was almost as good as the four pan fried trout that I had for supper Saturday evening. Boy, it doesn't get much better than that.

Guess I need to get something on 30 meters so I don't have to worry about the contests.

Just had to let you know I had a fun time even though I only made one contact.

73,
Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539 -- ARS #64
www.qsl.net/k0su

Date: Mon, 03 Aug 1998 21:31:23 -0400
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16776] LMC662 & LP2351 group purchase
Message-ID: <35C6646B.C7332568@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gangue,

Here is the deal:

LMC662CN-ND \$3.00 or 2/\$5.00 post paid.

LP2951CN-ND \$3.00 or 2/\$5.00 Post paid.

It is okay to mix items. One of each would be \$5.00 shipped.

I expect to sell out of the op-amps more quickly than the voltage regulators because the op-amp substitution in the SW40+, SW30+, 40-40 and similar rigs is a pin for pin drop-in substitution. It works well and saves 6mA or so on receive. A few low impedance headphones have caused oscillation with this mod. Some fixes have been suggested. My fix was simply to use other phones. The voltage regulator mod is going to require a wee bit more messing. A resistor divider and capacitor need to be supplied in order to set voltage and avoid instability. This mod saves a few mA continuously. All this is documented in the article by M. Lee and D. Monticelli, Revisiting the 40-40, in QRP Power, 1996, ARRL.

The previous group buy of LMC662's sold out quickly, and I have received requests for more so I will do it (only once) again. This time I have rules:

RULE of the FIRST: If I have not acknowledged your order by e-mail it is not yet an order. Once I have received your intentions, I will respond that I have you on the list for such and such parts. Only then should you presume that you are on the list and send anything.

RULE of The SECOND: Please send an address label. Make sure that I can identify you from your e-mail. For example, if your e-mail address is JJJeng@blablab.bla and I get five bucks from Joe Jones, it is up to you to make sure that I can easily tie these two together.

Thanks for your understanding.

72,

Paul, Wv3j

Date: Mon, 3 Aug 1998 21:48:39 -0400 (EDT)

From: Norman Young <normany@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [16777] Cushcraft ATV 5 Manual
Message-ID: <1.5.4.16.19980803214856.258fcdb2@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anybody out there have a manual for a Cushcraft ATV 5? This antenna is a 5 band vertical and was my first antenna about 18 years ago. I used it for about 2 years.

I still have all the parts of the antenna in the garage, and it is in great shape, but I need the manual to reassemble and tune it. If anyone has the manual, I will gladly pay for photocopying and postage.

(Please email me direct if you can help, rather than post to the list.)

Tnx es 73's de ka4puv

Norman

Date: Mon, 03 Aug 1998 23:31:02 -0300
From: Leigh Hawkes <lhawkes@navnet.net>
To: qrp-l@Lehigh.EDU
Subject: [16778] Autek RF-1 Power Output
Message-ID: <35C67266.73F1@navnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; name="AUTEK.TXT"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="AUTEK.TXT"

A few weeks ago someone here at QRP-L asked about the RF power output level of the Autek RF-1. I don't recall having seen a response.

This evening I installed a fresh battery and checked my own RF-1 using a Booton 42B RF Microwatt meter.

Results as follows:

Band 1:	1.133 MHz	-1.5 dBm
	2.515 MHz	-0.8 dBm

Band 2:	2.096 MHz	-1.0 dBm	
	4.663 MHz	-0.6 dBm	
Band 3:	3.815 MHz	-0.8 dBm	
	9.375 MHz	-0.4 dBm	(0 dBm = 1 mw)
Band 4:	8.049 MHz	-0.8 dBm	
	20.53 MHz	0.0 dBm	
Band 5:	14.04 MHz	-1.4 dBm	
	36.27 MHz	0.0 dBm	

Autek do not specify the RF output level of this instrument. ARRL published a review of the RF-1 in the May 1995 edition of "QST". Their reported RF output level was 1.6 mw (+2.04 dBm) at 37 MHz.

In the absence of further input, it would appear one could expect a maximum RF output power of between 1 to 1.6 mw from the RF-1.

The original question concerned applying this power to the input of a receiver and if it was likely to cause any damage. Most of our QRP rigs should be quite capable of discerning signals in the range of -120 dBm. The 0 to +2.04 dBm signal from an RF-1 will certainly be an "ear-crusher" and put a strain on any AGC system. Although this is too high a signal level to be useful for receiver alignment purposes, it would be highly unlikely to result in damage to the receiver.

Perhaps someone with access to specifications for the commonly used NE-602, TUF-1, J310 and other RF front end devices may be able to provide some data on the maximum safe RF input levels for these devices.

73,
Leigh - VE1GA
QRP-L # 1129

Date: Mon, 03 Aug 1998 21:55:22 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: lhawkes@navnet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [16779] Re: Autek RF-1 Power Output
Message-ID: <35C6781A.50C2F776@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Leigh, my documentation for the RF-1 states on page 8 that the r-f output is about 2 volts peak-to-peak with an output impedance of 150 ohms. They suggest coupling through a resistive pad if harmonic distortion is to be removed. Pad values are 150 ohms series with 60 ohms to ground. They claim this yields an output of 400 mv, p-p at an output Z of 50 ohms.

Your data are interesting and more to the point of what actual output can be obtained.

Thanks for your posting.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Leigh Hawkes wrote:

>
> A few weeks ago someone here at QRP-L asked about the RF power
> output level of the Autek RF-1. I don't recall having seen a
> response.
>
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>
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>
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> 9.375 MHz -0.4 dBm (0 dBm = 1 mw)
>
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> published a review of the RF-1 in the May 1995 edition of "QST".
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> In the absence of further input, it would appear one could expect
> a maximum RF output power of between 1 to 1.6 mw from the RF-1.
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> The original question concerned applying this power to the input
> of a receiver and if it was likely to cause any damage. Most of
> our QRP rigs should be quite capable of discerning signals in the
> range of -120 dBm. The 0 to +2.04 dBm signal from an RF-1 will
> certainly be an "ear-crusher" and put a strain on any AGC system.
> Although this is too high a signal level to be useful for
> receiver alignment purposes, it would be highly unlikely to
> result in damage to the receiver.
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> Perhaps someone with access to specifications for the commonly
> used NE-602, TUF-1, J310 and other RF front end devices may be
> able to provide some data on the maximum safe RF input levels
> for these devices.
>
> 73,
> Leigh - VE1GA
> QRP-L # 1129

Date: Mon, 3 Aug 1998 22:45:54 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: <qrp-l@Lehigh.EDU>
Subject: [16780] 20M Rig - Seeking backpack radio equipment advice
Message-ID: <199808040328.XAA47932@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Rick and gang,

The MFJ-9420 works exceptionally well. I've worked a ton of DX with it since March 97, mostly portable. Rig needs about 2 amps on transmit, per manual. I use a 7 ahr gel cell which may be a bit on the heavy side for backpacking for you.

I get a kick out of receiving 59 reports (real reports, I ask) from DX.

They then tell me about their stations; large yagi beam up 25 meters, 600 watts, etc. They almost don't believe me when I tell them I'm about 5 or so watts avg pwr out into an inverted-vee up about 45-50' or so, powered by a gel cell battery.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 3 Aug 1998 23:23:57 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16781] Results: LI/NJ-QRP Doghouse Operation Sprint
Message-ID: <199808040328.XAA47944@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

FINALLY I have the results for the LI/NJ-QRP Doghouse Operation Sprint from November 97. George N2APB has done a fine job posting the results on the NJ-QRP web page. You can see the results with soapbox comments from many who participated and helped make it a great sprint (<http://www.njqrp.org>). Additional comments will be posted shortly.

We had 47 logs received and a lot more activity on the bands as quite a few logs have indicated; N2CQ, KB2JE and N4BP to mention a few.

I want to apologize to everyone who participated in this contest. Radio has not been my main priority this year, but that's changed for the better. This was my first attempt at contest manager and I learned quite a bit. I hope that you have not lost faith and participate in future sponsored contests. Thanks to everyone who made it fun and to the members of the LIQRP and NJ-QRP clubs for their efforts.

Congratulations to Bob N4BP, Ken N2CQ, Walt KB2JE, and Joel WA1QVM our winners. George N2APB has the prizes in hand and will forward them to the winners.

If you print the text below with a non-proportional font (such as Courier) it should print in straight columns.

LI/NJ-QRP DOGHOUSE OPERATION SPRINT RESULTS
22-NOV-97 1800-2200 UTC

A	CALL	H	TOTAL UNIQUE A/Cs
B	FIRST NAME	I	TOTAL X SUFFIX A/Cs
C	LAST NAME	J	TOTAL UNIQUE MEMBERS
D	AREA CODE	K	OUTPUT POWER
E	TOTAL QSOs	L	BATTERY POWER
F	TOTAL 2 PT QSOs	M	PORTABLE QTH
G	TOTAL 5 PT QSOs	N	TOTAL POINTS

A	B	C	D	E	F	G	H	I	J	K	L	M
N												
N4BP 2,950	Bob	Patten	954	75	60	15	50	11	14	1	1,000	0
N2APB 2,670	George	Heron	201	23	16	7	21	5	7	1	1,000	1,000
N2CQ 2,211	Ken	Newman	609	64	49	15	46	9	14	5	1,000	0
KC1FB/9 2,160	Jim	Francoeur	815	5	3	2	5	2	2	1	1,000	1,000
KB2JE 2,127	Walt	Windish	973	58	43	15	41	10	14	4	1,000	0
WA9PWP 2,063	Paul	Goemans		3	2	1	3	1	1	5	1,000	1,000
N4ROA 1,966	Dan	Wolfe	540	54	44	10	48	7	10	5	1,000	0
K5ZTY 1,861	Bill	Stietenrot	281	48	39	9	32	6	9	5	1,000	0
N1FN 1,812	Marshall	Emm	303	43	33	10	34	9	10	5	1,000	0
W5VBO 1,798	Brian	Kassel		45	37	8	35	7	7	5	1,000	0
N2TO 1,707	Kevin	Glynn	718	34	23	11	27	7	11	5	1,000	0
WA1QVM 1,693	Joel	Malman	978	30	17	13	22	13	13	5	1,000	0
KF2PH 1,644	Nick	Franco	516	31	21	10	24	8	9	4	1,000	0
K5ON 1,553	Gary	Cochrell		29	22	7	22	4	7	5	1,000	0
KA3WMJ 1,532	Ken	Anderson		23	13	10	19	8	9	5	1,000	0
KJ3V 1,525	Lynn	Simons		30	25	5	23	3	6	4.5	1,000	0
VE3ELA 1,455	Ken	LaRose		19	10	9	14	6	6	5	1,000	0
K2HPV 1,441	Herb	Schuler		24	19	5	22	5	5	3	1,000	0
KE2UK 1,399	Ronald	Tomo	516	21	16	5	19	4	4	4	1,000	0

KB2VTN 1,343	Elmar	Vaher	718	14	7	7	14	7	7	5	1,000	0
K3TKS 1,330	George	Gingell	301	12	9	3	11	2	3	1	1,000	0
KI0II 1,266	Ron	Zoerb	303	19	19	0	15	0	0	5	1,000	0
WS4S 1,266	Conrad	Murray		13	9	4				2.5	1,000	0
AB7MY 1,196	Gary	Surrency		14	14	0	13	0	0	5	1,000	0
KW3U 1,189	Jim			9	6	3	9	3	3	3	1,000	0
AF9T/0 1,071	John	Anderson	218	54	39	15	38	10	12	5	0	0
AL7FS 1,056	Jim	Larsen		4	4	0	2	0	0	5	1,000	0
WZ2T 931	Rick	Sherman	518	47	34	13	38	10	10	4	0	0
N4UY 588	Jake	Carter		30	22	8	27	6	8	5	0	0
KB2SGM 539	Bob	Marsh		22	11	11	17	7	10	4	0	0
K10J 525	OJ	Quarles		27	20	7	24	4	5	5	0	0
WJ2V 497	Preston	Douglas	516	22	13	9	18	7	9	5	0	0
KI6SN 441	Richard	Fisher	909	24	19	5	20	4	5	5	0	0
K3WWP 399	John	Shannon	412	21	16	5	19	3	5	5	0	0
AB4BP 357	JP	Keon		18	13	5	18	5	5	4	0	0
VE3SP 329	Ronald	Hands		13	6	7	11	5	7	5	0	0
K2WP 280	W.D.	Peterson		14	10	4	13	4	4	5	0	0
KT3A 245	Cameron	Bailey		10	5	5	10	5	5	5	0	0
NB1I 238	John	Levreault	508	8	2	6	8	6	6	3.2	0	0
WB9HFK 238	Mark	Prather	217	14	12	2	13	2	2	4.5	0	0
WE6W 238	Ed	Loranger	707	17	17	0	11	0	0	5	0	0
WB2QDG 210	Tom	McCulloch	516	9	5	4	8	3	4	5	0	0
W3MGL 168	Lawrence	Boellhoff	757	6	2	4	6	4	4	5	0	0

K0FRP 196	Al		14	14		13			5	0	0	
KA5T 126	Larry	Wise	512	6	4	2	5	2	2	5	0	0
W0CH 98	David	Bixler	417	4	2	2	4	2	2	5	0	0
N4JS 35	John	Sielke	609	1	0	1	1	1	1	5	0	0

Certificates will be awarded for the highest overall total score, most area codes worked, most extra area codes worked and most number of LIQRP/NJ-QRP members worked.

Highest Overall Total Score N4BP 2,950

Most Unique A/Cs Worked: N4BP 50

Most Unique X A/Cs Worked: WA1QVM 13

Most Unique Members Worked: KB2JE 14
N2CQ 14
N4BP 14

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 03 Aug 1998 21:10:31 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [16782] NorCal 'T' Shirts & Zombie 'T' Shirts
Message-ID: <2.2.32.19980804041031.006fbf8c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

GREAT NEWS !

I just received a batch of NorCal T Shirts which
will be going out tomorrow.

The NorCal Zombie 'T' Shirts will be in hopefully next
week too.

This means the winners and runners up will get theirs immediately.

They will be available to all so I will post their availability when they are in.

If you should want to get your order in early the deal is the same as for the NorCal Shirt.

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Tue, 04 Aug 1998 00:43:22 -0700
From: Ken LaRose <kenlar@csolve.net>
To: qrp-1@Lehigh.EDU
Subject: [16783] Re:Sailin QRPer this Weekend
Message-ID: <35C6BB9A.4D65@csolve.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPers:

Just a follow-up to let you know the results of my QRP weekend, sailing Georgian Bay. Gear was Heathkit HW-9, Ten-Tec antenna tuner. Brought along a motorcycle battery for 12v supply. Clipped a wire to the aluminum mast (28 ft. high), and threw a ground wire over the side. Simple!

Saturday evening, anchored in the Gin Islands:

30m W4MYO Ed in Nashville, TN
30m KB2UZY Bryan in Springfield, MA
30m WA6SWJ/QRP Dave in Omaha NE
20m KI0II/QRP Ron in Littleton, CO
20m K8KXX/QRP Dennis in North Carolina, NC

Sunday evening, anchored in Papoose Bay, Beausoleil Island:

20m W4ED/QRP Bob nr Atlanta, GA
20m OM2WW/QRP Tom in Slovak Republic
30m OK1TJ Jaro in Czech Republic
30m YV1DIG Paul in Venezuela
30m LZ1AP Lyben in Bulgaria

Was really impressed with the propagation on 30m, especially Sunday night. Seems the mast antenna worked well to Europe. Got me thinking of what kind of vertical I can erect in the backyard!

Thanks to all who were listening for me. Combining two passions (ie. sailing & QRP) makes me wonder: Does life get any better than this?!

72, de Ken VE3ELA

Date: Mon, 3 Aug 1998 22:47:03 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU, cqclist@mtechnologies.com, "Morse Express Customers" <n1fn@mtechnologies.com>
Subject: [16784] New Key from Wm M. Nye Co
Message-ID: <199808040447.WAA09234@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The first new key from Wm. M. Nye Company since the late '70s, the stunning Model 330C is mechanically similar to the classic Master Key, with a highly polished chrome base and lever, nickle plated hardware and Navy Knob. The hardware is selected by hand and each 330C is carefully inspected before packing to ensure a flawless finish. Complete with cord and 1/4" plug, the 330C has gold-plated hard silver contacts which are electrically isolated from the rest of the key. Weighing in at a pound and a half (not counting the cord), the 330C is a real attention getter and a delight to use.

Unlike any other Nye key, each 330C has a serial number stamped in the base.

You can see a picture of the 330C at <http://www.MorseX.com/nye.htm>

So far only 5 have been made. Nye has kept Serial Number 1, and Morse Express got the other four. I'm keeping #2 for myself[g]. I've ordered more, and have been promised consecutive serial numbers from six up. The retail price for the 330C will be \$139.95. But single digit serial

numbers are very collectible, and there can only ever be nine of them. Given the number of serious collectors among you, it becomes very difficult to decide who should get the seven that are available, and what the price should be. So I will let you decide both issues for yourselves by means of a "modified blind auction."

Please keep in mind first of all that my intention is to be fair to everyone who might be interested in one of these keys. These are peculiar circumstances (unique in my experience) and my solution to the problem may seem a bit unusual, but I do believe it is fair.

A selling price for the single-digit keys will be determined as follows:

I will accept bids from interested parties until midnight on Wednesday, August 12th. You can bid by mail, phone, or e-mail. In the case of equal bids, the one arriving first will take precedence.

At the close of bidding, the single digit key price will be set as the THIRD HIGHEST BID. Keys numbered 3, 4, and 5 will be sold to the top three bidders at that price (the lowest of those three bids). The next four bidders will be given the option of buying keys numbered 6 through 9 at that same price.

Once numbers three through nine have been sold, there will be only the one price for a Nye 330C.

Remember, you are not committed to buying a key at all unless your bid is in the top three, and if it IS in the top three the price will be lower than you bid unless you happen to come in third.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Tue, 04 Aug 1998 01:01:03 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [16785] SST-20 For Sale
Message-ID: <19980804.045803.4831.7.n4so@juno.com>

SST-20

Fun to use and puts out about 2 watts from 14.055 khz -
14.065, with 14.060 khz about mid-range at the top. Worked about 12
stations in the Sprint on Monday evening and GX0IPX. Shipping inc. for
\$88.

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 3 Aug 1998 22:09:52 +0100
From: talljazz@teleport.com (Dan Presley)
To: qrp-l@Lehigh.EDU
Subject: [16786] archives
Message-ID: <v0153050bb1ebd68e9506@[204.202.160.61]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After re-reading the summary of commands for the listserv, I tried again to
get a single day archive using the correct format (980726; which means July
26, 1998). Still got a reply that this was an incorrect path. Any more
ideas?
Dan N7CQR

Date: Tue, 04 Aug 1998 05:47:35 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [16787] Compact Antenna page
Message-ID: <35c7a073.381368@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

=46or those of you interested in the DCTL antenna, some of the =
information on my
web page was incorrect (the formula for the tuning stub being one). =
Blame it
on my lousy photocopy of the article and poor proofreading in not
recalcualting the formulas to verify accuracy!

Tnx to Ted, K4MKX who found the problems ...

The current page (<http://home.earthlink.net/~mwattcpa/antennas.html>) =
should
be good to go.

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Tue, 04 Aug 1998 10:54:53 +0200
From: "Eim Mulder" <mulder@server4.nfra.nl>
To: QRP-L@Lehigh.EDU
Cc: mulder@server4.nfra.nl
Subject: [16788] QRP-ers in/around Okanhagan Valley (BC) ?????
Message-ID: <s5c6e8a0.083@server4.nfra.nl>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Is there someone who can tell me if there is some QRP activity around the =
Okanhagan area in BC Canada (VE7) and especially at Kelowna, Penticton, =
Princeton. I am also looking for the addresses of HAM-clubs in BC.

So, who can help me out ???

Eim ,

PA3CMD

Eim mulder

mulder@nfra.nl

Date: Tue, 4 Aug 1998 05:38:02 -0400
From: "carlos garrett III" <irpilot2@pluto.skyweb.net>
To: <qrp-l@Lehigh.EDU>
Subject: [16789] Mosley Antenna
Message-ID: <199808041004.GAA15615@pluto.skyweb.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have been given a Mosley T-33 Jr. that is in need of TLC and a manual. This little ant sat outside in the dirt on the ground for the better part of 10 years . Seems to be all there but in need of alot of work. Anyone out there have a copy FS ? I have decided to put this baby back on the air. Goes so nice with the boat anchors I have. Thanks

Carl WA1SVS

Date: Tue, 04 Aug 1998 06:14:14 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [16790] Variable Caps
Message-ID: <3.0.1.32.19980804061414.0069cba4@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Looking for sources of variable capacitors such as those used in AM broadcast radios. Would like to find both single section and dual section types, preferably miniature sizes and with trimmers. (Saw the one in the Mauser catalog.)

Info greatly appreciated -- many thanks.

72/73 -- Chuck, W5USJ, EM22cv

Date: Tue, 04 Aug 1998 12:36:52 +0100
From: Wayne Dillon <w.dillon@ic.ac.uk>
To: qrp-l@Lehigh.EDU
Subject: [16791] GQRP - LDG ATU problem
Message-ID: <3.0.32.19980804123652.00921280@mism.ad.ic.ac.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From: G3TUX@aol.com
>Date: Tue, 4 Aug 1998 06:32:57 EDT
>To: gqrp-l@blacksheep.org
>Subject: GQRP - LDG ATU problem
>Sender: owner-gqrp-l@blacksheep.org
>Reply-To: G3TUX@aol.com
>
>Just a report which may be of help to other LDG users...
>
>I had a problem this weekend with antenna intermittency. Changed all the coax
>leads, checked the connectors and balun etc, but it still persisted.
>Eventually traced the problem to the centre contact on the S0239 sockets
>fitted to the LDG QRP ATU. The spring in these contacts had all but
>disappeared resulting in a very poor contact with the mating PL259s. Maybe
>worthwhile other LDG users checking in case there was a batch of faulty
>connectors?
>
>Perhaps someone would be kind enough to copy this to QRP-L for the wider US
>audience?

>
>73, Chris G3TUX
>---
>Via GQRP-L - The G-QRP Club mailing list
>
>

Wayne S. Dillon
Maintenance Co-Ordinator
Room 129 Huxley building
Imperial College of Science, Technology and Medicine.
Exhibition Road

London
SW7 2AZ
Tel: 0171 594 9030
Fax: 0171 594 8930
E-Mail w.dillon@ic.ac.uk

"'Tis better to remain silent and be thought a fool than speak up and have all doubt removed."

Date: Tue, 04 Aug 1998 06:58:33 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [16792] Re: New Key from Wm M. Nye Co
Message-ID: <3.0.3.32.19980804065833.0069f808@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

If the keys are \$139.95 why are you asking more on the first batch you get. They are not collector items yet but you are driving the price up already. Just another way to make a Big profit I guess. After you sell serial number 9 they will be back to the correct price? Guess I had better crawl back into my hole. Off of soap box now.

At 10:47 PM 8/3/98 -0600, you wrote:

>The first new key from Wm. M. Nye Company since the late '70s,
>the stunning Model 330C is mechanically similar to the classic Master Key,
>with a highly polished chrome base and lever, nickle plated
>hardware and Navy Knob. The hardware is selected by hand and
>each 330C is carefully inspected before packing to ensure a flawless
>finish. Complete with cord and 1/4" plug, the 330C has gold-plated hard
>silver contacts which are electrically isolated from the rest of the key.
>Weighing in at a pound and a half (not counting the cord), the 330C is a
>real attention getter and a delight to use.

>

>Unlike any other Nye key, each 330C has a serial number stamped in the
>base.

>

>You can see a picture of the 330C at <http://www.MorseX.com/nye.htm>

>

>So far only 5 have been made. Nye has kept Serial Number 1, and Morse
>Express got the other four. I'm keeping #2 for myself[g]. I've ordered
>more, and have been promised consecutive serial numbers from six up. The
>retail price for the 330C will be \$139.95. But single digit serial
>numbers are very collectible, and there can only ever be nine of
>them. Given the number of serious collectors among you, it becomes very
>difficult to decide who should get the seven that are available, and what
>the price should be. So I will let you decide both issues
>for yourselves by means of a "modified blind auction."

>

>Please keep in mind first of all that my intention is to be fair to
>everyone who might be interested in one of these keys. These are peculiar
>circumstances (unique in my experience) and my solution to the problem
>may seem a bit unusual, but I do believe it is fair.

>

>A selling price for the single-digit keys will be determined as follows:

>

>I will accept bids from interested parties until midnight on
>Wednesday, August 12th. You can bid by mail, phone, or e-mail.

>In the case of equal bids, the one arriving first will take precedence.

>

>At the close of bidding, the single digit key price will be set as the

>THIRD HIGHEST BID. Keys numbered 3, 4, and 5 will be sold to the top

>three bidders at that price (the lowest of those three bids). The next

>four bidders will be given the option of buying keys numbered 6 through 9

>at that same price.

>

>Once numbers three through nine have been sold, there will be only the one

>price for a Nye 330C.

>

>Remember, you are not committed to buying a key at all unless your bid is

>in the top three, and if it IS in the top three the price will be lower

>than you bid unless you happen to come in third.

>

>

>

>

>

>

>

>

>

>

>73

>Marshall Emm

>N1FN/VK5FN

>n1fn@MorseX.com

>Morse Express

>"Everything for the Morse Enthusiast"

><http://www.MorseX.com>

>(303)752-3382

>--

>

>

<paraindent><param>out</param>73

</paraindent>KB0PTE

Wayne

QRP-L #1058

FISTS # 4907

(CW, What a feeling!)

Date: Tue, 04 Aug 1998 08:33:58 -0400
From: Paul Helbert <phelbert@rica.net>
To: walexander@wnn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16793] Re: New Key from Wm M. Nye Co
Message-ID: <35C6FFB6.C27C0A6D@rica.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey, he's not necessarily asking more for the first keys. If everybody bids low and its the third highest bid that establishes the price then the price will be low.

I bid \$20.00. This is a serious offer (These keys outweigh my rig.)

Good luck,

Paul, Wv3j

Date: Tue, 04 Aug 1998 06:42:14 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [16794] Twin lead fed dipoles and some thoughts.
Message-ID: <35C701A5.38E4AD32@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Just a reminder that there was a whole series of articles in the CQC publication Low Down last year on the all band "zepp" and "double extended zepp" last year. The basic concept of the antenna is just hang as much wire as possible and feed it with twin lead and a tuner. The antenna will work on whatever the wire comes closest to for a half wave on the lowest band and exhibit some gain on all of the bands higher. For example, the antenna that use for camping is about 130 feet for the flat top. It will work on 80 meters and up since a half wave on 80 is about ~135 feet. On any bands higher than that, it will show some gain. I have plotted the results of this antenna using EZNec and the results are really interesting. LB has a whole series on it. One of the things that is note worthy as well is that the antenna can be uses as a "Marconi". on 160 meters. Just short the two feeds together on the twin lead, hook up a quarter wave counterpoise and attach to the long wire input on the tuner and away you go. Very flexible antenna and one of the simplest to build that is out there. If you don't want to work the lower bands, then just cut a wire that is longer than a half wave on 40 meters and feed it with twin lead or ladder line. You can then work 40 meters and up. Just some thoughts and on no way intended to be a scientific study. I know that I used to go through a lot of brain damage to get antennas at a "perfect" 50 ohm match and it is just not worth it. Even on the Gap

Titan where the SWR is not a perfect 1:1 to 1, I run it through the tuner and don't worry too much about the SWR. For example, I have a power meter in line after the tuner. On 30 meters, my SWR on the Gap is about 2:1 to 1. Always has been. If I run a radio straight in to the antenna at 10 watts, I might see about 8 watts out on the power meter. If I adjust for 1.1 to 1 SWR, I see 10 watts out. Who cares if there is a little mismatch that can be cleared up using a tuner. What little power you lose in the tuner will be made up for by the power delivered to the antenna by clearing up the mismatch. If you are microwatting, then yes there is a concern. But in my experience, for anything from about 2 watts and up, don't worry too much about the tuner. Make your coax feed as good as possible, use twin lead for a feeder, but have fun. Don't get obsessed with SWR.

Jess

--

Jess NOTFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/n0tifi/bug.html> Bug Stories

Date: Tue, 4 Aug 1998 08:43:45 EDT
From: PGHDTs@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16795] Re: Norcal paddle part problem solved
Message-ID: <da0b0937.35c70202@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Thanks for your fast replies. It appears that everyone had the same answer as that provided by Paul. Looks like I received one of the original drawings.

73 Don KB3CIL

> Recently I received a NORCAL K8FF keyer paddle kit.
> The two pieces do not look exactly like the drawing. The shafts that
> I received are mirror images of each other but have the plastic paddle
> mounting flat facing the center of the base rather than towards the outside.

The first 1000 or so of the K8FF/NorCal paddles had the plastic "paddle pieces" mounted on the outside of the dit/dah shafts, forming a wider spacing between the paddles than some cared for. As a result, the shafts were remachined for mounting the plastic pieces on the

INSIDE of the dit/dah shafts to form a narrower spacing between the paddles for those shipped after the first 1000 paddle kits.

The paddle drawings were redone (by me) to show how the plastic pieces were relocated to the inside surface of the dit/dah shafts, but it is possible the first few went out with the original drawing.

GL, Paul NA5N

(The guy who did the paddle drawings ... over and over and over ...)

Date: Tue, 04 Aug 1998 15:04:05 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-l@Lehigh.EDU
Subject: [16796] forwarded message
Message-ID: <3.0.32.19980804150315.0069b84c@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi gang,

hope this hasn't been forwarded 5 times already....

72 s de Thomas, DL40BN, G-QRP #5672

Here comes:

>Just a report which may be of help to other LDG users...

>

>I had a problem this weekend with antenna intermittency. Changed all the coax leads, checked the connectors and balun etc, but it still persisted.

>Eventually traced the problem to the centre contact on the S0239 sockets

>fitted to the LDG QRP ATU. The spring in these contacts had all but

>disappeared resulting in a very poor contact with the mating PL259s. Maybe

>worthwhile other LDG users checking in case there was a batch of faulty

>connectors?

>

>Perhaps someone would be kind enough to copy this to QRP-L for the wider US audience?

>

>73, Chris G3TUX

>---

>Via GQRP-L - The G-QRP Club mailing list

>

>

Date: Tue, 4 Aug 1998 09:16:30 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: n5inz@juno.com
Cc: QRP-L@Lehigh.EDU
Subject: [16797] Re: Elmer 300- another starting point
Message-ID: <2.2.16.19980804090749.208ff296@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

>"Ugly Construction" is just two words

>

Ugly Constructionn is, like John says, just two words. The results depend on the amount of thought you put into your project. I'm as anxious to build Jim's transceiver as any of you, but please, don't just blindly go off and make a bunch of pads and start soldering. LOOK AT THE CIRCUIT FIRST, and see if there is an alternate layout that would work better. Ugly construction has been around since the dawn of radio. The first breadboards were a type of ugly construction.

73

Date: Tue, 04 Aug 1998 08:28:16 -0400
From: rhiller@sysdev.com (Rick Hiller)
To: qrp-l@Lehigh.EDU
Subject: [16798] White Mountain SSB Rig CW mod.?
Message-ID: <3.0.5.32.19980804082816.008227c0@stephen.sysdev.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Morning Folks,

I was told that someone had recently posted a mod for placing the White Mountain SSB rig on CW. I must have missed it's original posting.

Could anyone refer me to it or send me a copy, please?

Much obliged...73....Rick.....W5RH

Rick Hiller
Manager, Business Development
System Development, Inc. Houston, Texas

"Providing CGM based Hardcopy and Interactive Graphics tools"
Check us out at <http://www.sysdev.com/>

Date: Tue, 04 Aug 1998 07:32:07 -0700
From: Jerry Parker <jparker@fix.net>
To: Paul Helbert <phelbert@rica.net>
Cc: qrp-1@Lehigh.EDU
Subject: [16799] Re: NorCal 'T' Shirts & Zombie 'T' Shirts
Message-ID: <2.2.32.19980804143207.00cd6a68@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:11 AM 8/4/98 -0400, you wrote:

>Jerry,
>
>I guess I missed the post of the earlier T shirt deal.
>
>I'd like to get a zombie shirt, so what's the deal?
>
>72,
>
>Paul, Wv3j

OK,

heres the deal for either the NorCal or NorCal Zombie
T-Shirt.

The price is \$15 plus \$3 shipping and handling
in the US, \$5 shipping for DX.

The shirt is a high quality heavy duty gold shirt.
The NorCal shirt is imprinted with a large
NorCal Logo and the NorCal Zombie Shirt is imprinted
with the NorCal Zombie 'Toon.

To order Send \$15 + \$3 postage (\$5 DX) to:

Jerry Parker
426 Tanglewood Ct.
Paso Robles, CA
93446

Don't forget to specify your size: M, L, XL,
XXL (Note XXL shirts are \$3 additional)

Please make check or money order out to
Jerry Parker, NOT TO NORCAL, US Funds
Only.

Date: Tue, 04 Aug 1998 09:21:11 -0700
From: "DONALD G. DORN" <DDORN@swbell.net>
To: QRP-L@Lehigh.EDU
Subject: [16800] UGLY CONTSTUCTION
Message-ID: <35C734F7.560F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Folks, I have been following the ugly contruction thread with interest. During the past six or seven years I have used this method extensively and have built several good quality rigs. Circuit changes and repairs are so much easier to make. I never use pads, though and don't understand their necessity. For tie points needing support I use very high value resistors or very low value capacitors whichever is appropriate for the circuit. Works like a charm.
72/73 Don K5AAR

Date: Tue, 4 Aug 1998 09:00:12 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [16801] [G3TUX@aol.com: GQRP - LDG ATU problem]

Message-ID: <199808041500.JAA01594@rgfn.epcc.edu>

===== Begin forwarded message =====

From: G3TUX@aol.com (unknown)
To: gqrp-l@blacksheep.org
Subject: GQRP - LDG ATU problem
Date: Tue, 04 Aug

Just a report which may be of help to other LDG users...

I had a problem this weekend with antenna intermittency. Changed all the coax leads, checked the connectors and balun etc, but it still persisted. Eventually traced the problem to the centre contact on the S0239 sockets fitted to the LDG QRP ATU. The spring in these contacts had all but disappeared resulting in a very poor contact with the mating PL259s. Maybe worthwhile other LDG users checking in case there was a batch of faulty connectors?

Perhaps someone would be kind enough to copy this to QRP-L for the wider US audience?

73, Chris G3TUX

Via GQRP-L - The G-QRP Club mailing list

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Tue, 04 Aug 1998 10:59:15 -0400
From: "Jerry W. O'Dell" <jwodel@ameritech.net>
To: qrp-l@Lehigh.EDU
Subject: [16802] cf zepps
Message-ID: <19980804155830.CDDT5145@[206.141.212.76]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

you know when I was a kid, a zepp was an end fed antenna.

Since then there has appeared a center fed zepp. I am puzzled, since I don't see how you can center feed an antenna on a zeppelin. Purpose of the whole thing was to trail behind the zeppelin.

Confused in Ypsilanti

Jerry W8GND

Date: Tue, 4 Aug 1998 09:02:13 -0600 (CST)
From: Bruce Ratray <rattray@gpfn.sk.ca>
To: Rick Hiller <rhiller@sysdev.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16803] Re: White Mountain SSB Rig CW mod.?
Message-ID: <Pine.SOL.3.91.980804090129.11035C-100000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would certainly like this information as well....I must have missed that post too....72 - Bruce(VE5RC+VE5QRP)

On Tue, 4 Aug 1998, Rick Hiller wrote:

> Morning Folks,
>
> I was told that someone had recently posted a mod for placing the White
> Mountain SSB rig on CW. I must have missed it's original posting.
>
> Could anyone refer me to it or send me a copy, please?
>
> Much obliged...73....Rick.....W5RH
> -----
> Rick Hiller
> Manager, Business Development
> System Development, Inc. Houston, Texas
>
> "Providing CGM based Hardcopy and Interactive Graphics tools"
> Check us out at <http://www.sysdev.com/>
>
>

Date: Tue, 4 Aug 1998 09:05:25 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU
Subject: [16804] Magnifying Lamps
Message-ID: <199808041505.JAA02046@rgfn.epcc.edu>

Someone had some info about magnifier lamps in answer to a query earlier in the week. I just wanted to mention the one I found at the Hobby Lobby store. They are sometimes on sale for as low as 15.99 but I think the regular price is in the \$20-25 range. What I like is that it uses an incandescent bulb, 25 watt (or stronger) variety with standard base and is a bit smaller glass/frame so that it fits in a smaller area. I have seen ads where these may also be at other craft stores. This type lamp was subject of a thread last year but I felt worth repeating.

73

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Tue, 04 Aug 1998 09:09:23 -0600
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [16805] Vibroplex Presentation
Message-ID: <35C72422.2A9EA51@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The vibroplex is spoken for , Thanks to all who emailed.

Al K0FRP

Date: Tue, 04 Aug 1998 10:06:41 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [16806] Island radio expedition
Message-ID: <35C72381.14CD@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This past Sunday I swam ashore an island on Beaver lake, Arkansas towing my radio gear. The gear was stowed inside a cooler and floated inside a rubber tube high and dry.

After I landed with the stuff, I set out to find a tall enuf tree to support my dipole. In the heat it was a struggle but I found a tree and hung the 20M dipole as an inverted V and got 1.2 SWR's on 14.260mHz.

The freq is where IOTA and U.S. Islands operate.

My equipment consisted of the Ten Tec 525D, small marine/RV battery, and a "microphone". Its been awhile since I used one of those and I started out calling QRZ QRZ from KJ5TF/P QRZ - I was corrected after I did that long enuf to feel like a fool. hi

My CQ's were rewarded with many nice contacts over the next 1 hr and 45 min. DX stns were HK3, CT3, PY5, and many VE's. I worked US stns on both coasts.

There are many island hunters in the ham ranks and a webpage I'm putting the URL here if you want more info on US Islands awards program. Or better yet if you would like to activate an island!

<http://www.eng.mu.edu/~usi/>

Sunday I ran 50w and got many 59 reports and comments on my big signal. So next island trip I'm going to drop the switch to 5w and see if we can make it with 5w SSB.

To qualify the island with USI I needed to get 25 QSO's and contact at least 2 countries. I'm happy to report that Choke Cherry island now will always be known as AR-003L.

USI/IOTA island activators remind me allot of QRPTTF folks. They just run higher power mostly.

On the webpage you can find info on how to activate an island, and get basic info. Also there is a sked of islands that will be on the air in comeing weeks.

Consider joining in on the USI contest the 15/16th of August. See the info in QST or see the webpage.

It would be great to have other QRP'ers join in. And its OK to turn up the power once in awhile and have fun with another interesting group of hams.

I'm charging the battery this AM and hope to be on the lake this afternoon, and maybe activate another island. If the WX is ok I'll be

around 14.250-60mHz 5-7PM central tonight, (tuesday Aug. 4)
In future trips I plan to have my 40M Hamstick whip along.

Watch out for Arkansas islands on the air!

cul, de Jim

Date: Tue, 04 Aug 1998 10:54:05 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@Lehigh.EDU>
Subject: [16807] Norcal 20 kit
Message-ID: <006f01bdbfc0\$1bc715a0\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Was wondering if anyone knows of Norcal will be posting the winning
applicants for the new kit.

72
Jeff, AC4HF

Date: Tue, 4 Aug 1998 09:07:47 +0100
From: talljazz@teleport.com (Dan Presley)
To: joel malman <malman@world.std.com>
Cc: qrp-l@Lehigh.EDU
Subject: [16808] Re: Oh see the problem
Message-ID: <v01530502b1ec71062a30@[204.202.160.173]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> GET QRP-L/ARCHIVES-OLD/1998 980726
>
>should be
>
> GET QRP-L/ARCHIVES/1998 980726
>
>
>Remove the "-OLD" and you should be OK.
>

>///joel//

Thanks Joel-that did the trick! I guess the current year is not considered "old"! I do have web access, but it's quicker this way, and easier for me to save any parts I need. Thanks again, and maybe a note in the instructions for the welcome message or summary of instructions might be a good idea.

Dan N7CQR

Date: Tue, 04 Aug 1998 12:06:30 -0500
From: jfd - WA8GHZ /5 <jdougher@wt.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: ham_k5zty_zed <k5zty@juno.com>
Subject: [16809] Speach/Presentation Help Pse
Message-ID: <35C73F96.90A9E4E5@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K5ZTY and I were 'volunteered' to give a kit-building presentation at our club's next meet. We'd appreciate any ideas. I remember seeing someone else asked for same help about amonth ago, but can't find my list of commands to search the archives since they gave me a new computer. So help pse.....

Pse reply with any ideas, or speech outlines if you've been in same situation.

TU

WA8GHZ, Jack, TX, licensed as wn8ghz in '62

Date: Tue, 4 Aug 1998 09:09:25 -0700 (PDT)
From: Bob Cooley <ad4mz@rocketmail.com>
To: russ@natworld.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: ad4mz@hotmail.com
Subject: [16810] Bumblebee #36 Report
Message-ID: <19980804160925.6294.rocketmail@attach1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Had a great little adventure and looking back would have done a few things differently.

The original plan was to operate from some higher peak in western North Carolina where I live but the plans shifted when our family vacation plans changed due to my wife's work schedule. So off to the coast we went ending up on Ocean Isle Beach, N.C. a barrier island.

This was Saturday, the day before the big event.

"What was the plan" I thought. Then it came to me to just dump my son's CD's out of his back pack and take the bare minimum of radio gear and head out hiking along the beach looking for some natural site that offered some advantage. I included my "pride and joy" rig the Sierra, my little 4AH gel-cell, a Bencher Paddle, a hastily constructed dipole for 20m, water, nuts, and most importantly insect repellent.

Sunday arrived and I was anxious to get started.

My wife got a good laugh when I announced that the bumblebee was ready to buzz away. My main thought was how to erect a dipole on a flat beach without a support.

Down the beach I went, looking for the perfect spot. I hiked past the last beach house and headed toward the end of the island where the inlet comes in from the Atlantic. In the distance I saw what I thought was the perfect spot. I could see a series of old pilings, remnants of an old jetty, looming above the beach. The tide was receding and when I got closer I felt the regret. There was still water at their bases and I was not about to subject my Sierra to that environment. If only I had brought a 50ft extension of coax, it would have been perfect.

Onward I walked as the sun got higher and hotter. Then ahead, I saw my only resort. It was a lone, low and weather beaten cedar tree on the edge of the marsh grass above the beach.

I managed to hang the antenna in the inverted vee fashion from the one limb barely 10ft above the sand with the ends of the antenna drooping within inches of the ground.

Just an hour before the start time I checked the power out and found that it was only 700 milliwatts on 20m. Even though the antenna was cut correctly for a "free space" dipole it certainly wasn't in free space now and the swr was much higher than anticipated. I didn't have a tuner and was getting much too hot to experiment with different antenna lengths, so I decided to just see what it would do on the air.

I made contact with Barb, K1IER in Shelton, CT. and received a 569 report. Now that I knew it worked I was ready. Shortly after my first contest QSO's with Ken VE3ELA/ BB and John VE3JC / BB in Ontario, the ants started attacking. They headed straight up my legs. I counter-attacked with a massive dose of repellent. If you have read this much you have the mental picture of my setup. The struggle with the environment continued for the next 4 hours. It went from blazing sun to a couple of short refreshing rain showers. I was able to operate continuously with the rig inside of a big zip-lock freezer bag inside of the backpack.

In summary, it ended well. I had made 19 contacts with the 700 Milliwatts including 10 other brave soles (/BB's). It was very much an adventure. In retrospect, I would have scoped out the area ahead of time and have brought enough coax to use the pilings over the water and done a preliminary antenna setup, adjusting as needed. A makeshift shelter would have been nice, especially to keep the sun off I didn't mind the rain.

I thank all the great ops out there that made it really fun. I hope to do it again next year but it will be a different adventure I'm sure.

73/72

Bob AD4MZ / BB # 36

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 04 Aug 1998 08:54:38 -0600
From: Kory Hamzeh <kory@avatar.com>
To: JGold@tntech.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16811] Re: Norcal 20 kit
Message-ID: <3.0.5.32.19980804085438.035a8610@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:54 AM 8/4/98 -0500, Jeff M. Gold wrote:

>Was wondering if anyone knows of Norcal will be posting the winning
>applicants for the new kit.

>

>72

>Jeff, AC4HF

>

Isn't it just going to be the first 500 or is it some sort of lottery?

Kory
AC6RN

Date: Tue, 04 Aug 1998 10:11:18 PDT
From: "James Apple" <wb1dog@hotmail.com>

To: qrp-1@Lehigh.EDU
Subject: [16812] Patch Panels vs Coax Switches
Message-ID: <19980804171119.7275.qmail@hotmail.com>
Content-Type: text/plain

I'm starting to have too many ant's, rig's, dummy loads, ant analyzers, etc. It's getting hard to use just coax switches and get the flexibility that I would like.

Is there anyone who is using a Patch Panel for this type of routing. I used them in the Navy but never really thought about how they were built. It seems like a bunch of bulkhead connectors with each device plugged into the back would be start ?

I would appreciate any ideas, hints, tips etc ...

Thanks in Advance.

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 4 Aug 1998 11:20:30 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Wayne Alexander <walexander@wwn.net>, qrp-1@Lehigh.EDU
Subject: [16813] Re: New Key from Wm M. Nye Co
Message-ID: <199808041720.LAA25968@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Wayne es Group--

>>If the keys are \$139.95 why are you asking more on the first batch you get. They are not collector items yet but you are driving the price up already. Just another way to make a Big profit I guess. After you sell serial number 9 they will be back to the correct price? Guess I had better crawl back into my hole. Off of soap box now.
<<

First off, I'm not out to make a "Big Profit" on these, and wish now I had said up front that a substantial portion if not all of any "surplus profit" on them is going to be donated to some worthy but as yet undetermined cause. I didn't say it because I wasn't sure there would be any surplus profit. But now I am [g], and am quite happy to entertain suggestions as to where it should go.

My first inclination was to just let them go at retail but a couple of my collector customers started to get really worried and warned me that I was going to seriously annoy some people if I didn't at least give them a chance at the 330C's.

Please keep in mind that these just happen to be the first off the line of what will be a permanent production item for Nye, and emphatically NOT something introduced and advertized as a "collector's key." Neither Nye nor Morse Express is interested in becoming a telegraphic "Franklin Mint."

Date: Tue, 4 Aug 1998 13:38:58 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [16814] Zombie Badges
Message-ID: <Pine.LNX.3.93.980804131736.907B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Jul 1998, James R. Duffey wrote:

> possible as Zombies with prime numbers will be in greater demand during
> Zombie events ;^)=.

Events? There gonna be events? Not sure I want to know what the prizes are:) Hmmm... luck of the draw, I got 163... Sure hope those contests aren't dead <snicker>.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 04 Aug 1998 12:35 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Steven Weber" <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16815] Re: Dummy load
Message-ID: <42B7BA9B@optelinc.com>

These dummy loads were originally manufactured for use at cellular radio sites (800-900 MHz) and they're good up to about 2.0 GHz at 60 watts dissipation (when you mount them to a panel for additional heat-sinking!). The pick-off point (on the flexible cable) is adjustable, and is capacitive to the center conductor of the incoming signal. Since the capacitance is so small, samples of an h.f. signal will indeed be low!

Karl K.
W8TIF

From: Steven Weber
To: Low Power Amateur Radio Discussion
Subject: Re: Dummy load
Date: Monday, August 03, 1998 10:32AM

>Dummy load reputed to be good for 30W. @ 2 Gigs. N type female and
>a pig tail going to a female bnc bulkhead connector. The load Ohmed
>out at 51.2 Ohms.

Seems to be a lot of these hitting the hamfests. I picked one up at Dayton for about the same price. Don't know what good the capacitively coupled BNC jack is for, but I can get a reading on my freq counter if enough power goes into to dummy. Other than that, I think the amplitude of the signal will be real frequency dependant, hence not too good for acutal meaurements, at least at QRP levels and at HF.

72.
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 4 Aug 1998 11:42:53 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Kory Hamzeh <kory@avatar.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16816] Re: Norcal 20 kit

Message-ID: <Pine.SOL.3.91.980804113236.7249A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 4 Aug 1998, Kory Hamzeh wrote:

> At 10:54 AM 8/4/98 -0500, Jeff M. Gold wrote:
> >Was wondering if anyone knows of Norcal will be posting the winning
> >applicants for the new kit.
> >
> >72
> >Jeff, AC4HF
> >
>
> Isn't it just going to be the first 500 or is it some sort of lottery?
>
> Kory
> AC6RN

My understanding from Doug Hendrick's talk at the Ft. Tuthill Hamfest is the NorCal 20's will be processed on a first-come, first-served basis. NorCal members were given advanced notice via the Summer QRPp to give NorCal members a weeks edge or so over QRP-L for ordering. There was no discussion on drawing straws or sorting orders by some power ball strategy.

72, Paul NA5N

PS - I'm sure Doug will periodically inform us on the quantity of orders received to know when the 500 has been reached.

Date: Tue, 04 Aug 1998 14:15:28 -0400
From: Paul Helbert <phelbert@rica.net>
To: kory@avatar.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16817] Re: Norcal 20 kit
Message-ID: <35C74FC0.744C65C2@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First 500, but since they sold several thousand 38 Specials and over a thousand keys I'd guess Jim got a ***LOT*** of mail on the first ;^)

Paul, Wv3j

Date: Tue, 04 Aug 1998 14:09:35 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [16818] Maxim Engineering Journal
Message-ID: <19980804.180615.8063.18.n4so@juno.com>

Sends out issues of Maxim Engineering Journal
Also a catalog is on CD-ROM - called Full-line Data Catalog

Maxim Integrated Products
120 San Gabriel Drive
Sunnyvale, Ca 94086-9892

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 04 Aug 1998 14:29:48 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [16819] Re: QRP Antennas
Message-ID: <16135@w4bkx.ampr.org>

KF4TBS Matthew writes asking about antennas for 40m QRP.

To: kf4tbs@juno.com
Subject: Re: QRP Antennas

Hello Matthew, Scott here in Ft. Lauderdale, FL.

Let me quote Doug DeMaw from "QRP NOTEBOOK".

"The antenna is the lifeline of our QRP stations. The better the antenna performance the greater the distance we can span with our low-power signals. Ideally, we should add as many decibels as possible via the antenna system. This helps to compensate for the dBs we lose by operating with less than 5 watts. The QRP-station antenna should equal or exceed that of the QRO fixed station."

"Only a masochist would use an inferior antenna with a QRP rig!"

"What is a good antenna?" "A full sized dipole can be ... if it is high above ground (1/2 wavelength or greater), and when it is clear of nearby conductive objects, such as power lines, phone wires and other metal items that have reasonable mass. Of course, the feedline ... should have minimum loss, and... short as possible." "Open wire feeders offer the least loss."

"Other good antennas...full sized verticals...with decent ground system..."

"Avoid lossy feed lines..." etc.

The idea is DON'T think you can get away with a minimalist antenna just because you are using a minimalist rig!

I have what once was an R-7 vertical by Cushcraft. It has all the "stuff" removed - was hit by lightning and blew up all that stuff in its previous life on the top of a local condo. I added aluminum tubing to make it a full 33ft 6 inches (or thereabouts). I use a 2 wire counterpoise "floating" from earth ground. I tuned the 2 radials just as you would a dipole and then connected them to the shield of RG-213 coax and the center conductor to the vertical radiator. It is elevated on a piece of chain-link fence top rail (20 ft pole) just jammed into the ground about 3 or 4 ft. I also have other antennas here but the "R-7megs" can be easily taken down and transported to remote locations and used in the field supported by a 20ft "push-up" pole.

Hope this helps.

de W4PJ / Scott #1585 (Pres. SFDXA)

P.S. I am using 9913 coax to my tower supported beam. Some have said that is not necessary at HF but when running <5W I want as much of the <5W reaching the antenna as possible. I may eventually use a run of hardline up there (surplus "fall-off").

----- 73 -----

Date: Tue, 4 Aug 1998 15:10:32 -0400

From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [16820] Practical Wireless SG-2020 Review.
Message-ID: <012d01bdbfdb\$8df4b6d0\$991005d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The August issue of Practical Wireless has a review of the SG-2020. I don't know what it says, I haven't read it.

Dave Ingram's column in the August issue of CQ is again about QRP.

73/72 de Vince, VE3VFN.

Date: Tue, 04 Aug 1998 14:13:55 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: wb1dog@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16821] Re: Patch Panels vs Coax Switches
Message-ID: <35C75D73.D6FE7B39@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good idea, James. Please post your findings so we can all share.

--

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

James Apple wrote:

>
> I'm starting to have too many ant's, rig's, dummy loads, ant analyzers,
> etc. It's getting hard to use just coax switches and get the
> flexibility that I would like.
>
> Is there anyone who is using a Patch Panel for this type of routing. I
> used them in the Navy but never really thought about how they were

> built. It seems like a bunch of bulkhead connectors with each device
> plugged into the back would be start ?
>
> I would appreciate any ideas, hints, tips etc ...
>
> Thanks in Advance.

Date: Tue, 4 Aug 1998 13:17:01 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [16822] WALL DRUG Update!
Message-ID: <Pine.SOL.3.91.980804130406.12949B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So I go home for lunch (small town advantage of living six blocks from work) and behold ... a post card to ME picturing the WALL DRUG.

Turns out fellow QRP-Ler John, NU0V, is on vacation and drove by the turn-off to Wall, S.D. and couldn't resist but to run in and file a first-hand report from the infamous Wall Drug. He says "Yes, the Wall Drug is alive and well and still packing in the tourists. Vacation has been great and now we're on the road back to Iowa."

I was last at the Wall Drug in the late 1960's ... it was a shabby corner drug store in those days. The post card shows the Wall Drug now consumes the entire block, with a large sign along all the store fronts that says "TED, BILL & RICK HUSTEAD'S WALL DRUG STORE AND CAFE ... PHARMACY MUSEUM AND TRAVELERS CHAPEL." That says it all!

So for those who wondered ... YES ... the Wall Drug in Wall, S.D. is alive and well, still sucking in tourists from the Badlands outwards. You haven't lived until you've been to the Wall Drug. John, NU0V, is obviously living!

Thanks John ... great postcard!

72, Paul NA5N

ObQRP: Add 30pF to C11

Date: Tue, 4 Aug 1998 15:39:56 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <DDORN@swbell.net>
Subject: [16823] RE: UGLY CONTSTUCTION
Message-ID: <000201bdbfdf\$a865d4a0\$19751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dead bug is my favorite construction method ... you can get really nice stand-off's at military surplus places, and the high value resistors work great..

many times I use the components themselves as stand-off's: if a resistor goes to ground, it's now a stand-off. An IC in the circuit? No problem, glue it in up-side-down ... it's now a stand-off. A 3n211 or other metal transistor? Solder the thing to the board. If it needs to be insulated from ground, then I make a pad ... Either way, it's now a stand-off ...

A good stiff razor goes a long way with dead bug when you have a tab on a transistor that needs to be insulated from ground. Just cut a 'moat' around it and solder it to the board. By the way, the leads just became stand-off's ...

I've taken this to the extreme and done dead-bug with SMT parts ... it ends up looking like a little card house. You oughta try it some time! Sure hones your concentration! BTW, those DON'T repair well ... grin.

With all the dead-bug circuits I've built and then made a board for, almost all of them performed better in the ugly configuration. Oh, BTW again, I've seen many dead-bug projects that were a work of art. My friend Corey, N4NGZ, built a 6 meter to 2 meter transvertor that looks so cool. I try to talk him out of it every time I see it!

Makes me feel like a kid again gluing parts into a matchbox and pretending it's a

Tracy, N4LGH #1453

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> DONALD G. DORN
> Sent: Tuesday, August 04, 1998 12:21 PM
> To: Low Power Amateur Radio Discussion
> Subject: UGLY CONTSTUCTION
>

>
> Howdy Folks, I have been following the ugly contruction thread with
> interest. During the past six or seven years I have used this method
> extensively and have built several good quality rigs. Circuit changes
> and repairs are so much easier to make. I never use pads, though and
> don't understand their necessity. For tie points needing support I use
> very high value resistors or very low value capacitors whichever is
> appropriate for the circuit. Works like a charm.
> 72/73 Don K5AAR
>
>
>

Date: Tue, 04 Aug 1998 15:44:17 -0400
From: David Fouchey <dafouche@jax-inter.net>
To: w5yr@swbell.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: dave_fouchey@csx.com
Subject: [16824] Re: Patch Panels vs Coax Switches
Message-ID: <3.0.1.32.19980804154417.00813540@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Interesting query Jim. In our equipment rooms we terminate all of our DS-3 (50Megabit) equipment on patch panels, BNC connectors in back and a rather interesting connector on the front. Individual jack "modules" slide into the rack allowing the termination of individual pieces of equipment and cross connecting to other equipment locations using bnc-bnc patch cables. They come to fit in 19 and 23 inch wide standard telco equipment racks. The front panel jacks allow for test access or quick patching over to other circuits or equipment. Don't see why something like this wouldn't work for anything up to low VHF at least.

They are manufactured by ADC and should be readily available from any Telco equipment supplier, Anixter etc..anyone wanting additonal info on these e-mail me at my work address, I have a catalog there.

They are rugged, simple and expandable. Just an idea.

Dave, WA4EMR
dafouchey@jax-inter.net (home address)
dave_fouchey@csx.com (work address)

At 02:13 PM 8/4/98 -0500, George T. Baker wrote:

>Good idea, James. Please post your findings so we can all share.
>
>--
>
>72/73, George didit dit
>Amateur Radio W5YR, 52 years and counting!
>QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
>AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)
>
>
>James Apple wrote:
>>
>> I'm starting to have too many ant's, rig's, dummy loads, ant analyzers,
>> etc. It's getting hard to use just coax switches and get the
>> flexibility that I would like.
>>
>> Is there anyone who is using a Patch Panel for this type of routing. I
>> used them in the Navy but never really thought about how they were
>> built. It seems like a bunch of bulkhead connectors with each device
>> plugged into the back would be start ?
>>
>> I would appreciate any ideas, hints, tips etc ...
>>
>> Thanks in Advance.
>
>
>

Date: Tue, 4 Aug 1998 14:05:22 -0600
From: w0yse@juno.com (Neil Klagge)
To: hk4bmg@epm.net.co, qrp-l@Lehigh.EDU
Subject: [16825] Re: RF OUTPUT STAGE FOR 40M ?
Message-ID: <19980804.140538.10694.0.w0yse@juno.com>

Juan,
Why not use the old tunable Pi-section output system. You can find it in many old ARRL Handbooks. You dont need a link and it acts as a low pass filter as well. Use a "fixed font" to view the schematic (like a COURIER font). It goes something like this for the vacuum tube rigs (or FET's now):

```
rig-----coil-----coax to ant.
      |       |
      |       |   use variable capacitors:
```

```

      c1c2  <<---- c1 is 200 pf ? ,
      |    |      c2 is 350-500 pf ?
      |    |      the coil should be closer to 1" diameter
      \/\      \/\      for 40 meters probably
      gnd      gnd

```

To tune, set c2 to maximum capacitance, then tune c1 for max output. It should be a touchy (narrow) peak. Then open the plates of c2 a bit.. Retune c1 again. Open c2 a little more and re-peak c1 also. Soon the peaking of c1 will become broader until you start losing power. Then you are tuned up.

I hope others can elaborate more on exactly what you need.

72's

Neil, w0yse since '54
now from Layton, Utah
ARCI, NORCAL, CQC

On Mon, 3 Aug 1998 17:45:15 -0500 "Juan David Zuloaga"

<hk4bmg@epm.net.co> writes:

>This is a multi-part message in MIME format.

>

>-----=_NextPart_000_0006_01BDBF06.90251420

>Content-Type: text/plain;

> charset="iso-8859-1"

>Content-Transfer-Encoding: quoted-printable

>

>Hi all,

>

>Does anyone have a design for a 5 to 12 watt output 7 MHz. stage that

>=

>uses hand made- non-torroid output?

>Something like the old vacum tube tank circuits and 50 Ohm link output

>?

>I would like to wind my own coils on 1/4" or 1/2" plastic forms.

>The reason for doing this is that they don't sell torroids here in =

>Colombia (south america)

>

>I have a couple of 2SC1969 CB SSB transistors

>

>Also, what kind of drive do I need at the input? I currently have a =

>2N2222 giving me about 100 mW. of RF on a 10.7MHz green coil tuned

>down =

>to 7 MHz.

>Thanks in advance to all information.

>

```

>Juan Zuloaga
>HK4BMG
>
>
>-----=_NextPart_000_0006_01BDBF06.90251420
>Content-Type: text/html;
> charset="iso-8859-1"
>Content-Transfer-Encoding: quoted-printable
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><HEAD>
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><META content=3Dtext/html;charset=3Diso-8859-1 =
>http-equiv=3DContent-Type>
><META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
></HEAD>
><BODY bgColor=3D#ffffff>
><DIV><FONT color=3D#000000 face=3DArial size=3D2>Hi all,</FONT></DIV>
><DIV><FONT color=3D#000000 face=3DArial size=3D2></FONT>&nbsp;</DIV>
><DIV><FONT color=3D#000000 face=3DArial size=3D2>Does anyone have a =
>design for a 5 to=20
>12 watt output 7 MHz. stage that uses hand made- non-torroid=20
>output?</FONT></DIV>
><DIV><FONT color=3D#000000 face=3DArial size=3D2>Something like the
>old =
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><DIV><FONT color=3D#000000 face=3DArial size=3D2>I would like to wind
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><DIV><FONT color=3D#000000 face=3DArial size=3D2>The reason for doing
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>on a=20
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><DIV><FONT color=3D#000000 face=3DArial size=3D2>Thanks in advance to

```

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>=
>all=20
>information.</FONT></DIV>
><DIV><FONT color=3D#000000 face=3DArial size=3D2></FONT>&nbsp;</DIV>
><DIV><FONT color=3D#000000 face=3DArial size=3D2>Juan =
>Zuloaga</FONT>&nbsp;</DIV>
><DIV><FONT color=3D#000000 face=3DArial size=3D2></FONT><FONT =
>face=3DArial=20
>size=3D2>HK4BMG</FONT></DIV>
><DIV><FONT color=3D#000000 face=3DArial =
>size=3D2></FONT>&nbsp;</DIV></BODY></HTML>
>
>-----=_NextPart_000_0006_01BDBF06.90251420--
>
>
>
```

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Date: Tue, 4 Aug 1998 14:19:18 -0600
From: w0yse@juno.com (Neil Klagge)
To: kf4tbs@juno.com, qrp-1@Lehigh.EDU
Subject: [16826] Re: QRP Antennas
Message-ID: <19980804.142214.10694.1.w0yse@juno.com>

I'd consider the Inverted VEE. Requires only one center support and puts the highest current section up as high as possible. Make each side about 33'6" for forty meters and feed it with coax (50 ohm is best match if the apex angle is about 120 degrees +/- or feed it with twin lead to a tuner for multiband coverage above 7 MHz. Gives both horizontal and vertical radiation. Works for DX as well as short skip. Ive reached vk land with one on 20 meters with 4 watts.

72's
Neil, w0yse since '54
now from Layton, Utah
ARCI, NORCAL, CQC

Date: Tue, 4 Aug 1998 15:25:33 -0500

From: "Joe Spencer" <joes@tcjc.cc.tx.us>
To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16827] Re: New Key from Wm M. Nye Co
Message-ID: <010701bdbfe6\$080ee8a0\$8a0c040a@tcjc_ac04.tcjc.cc.tx.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Marshall es group

Marshall, If your collector friends are so worried, I have a suggestion, make the single digit series \$1,139.95 and they can pay for the privilage and bragging "rites". or better yet, skip numbering them at all and get on with it. Good luck whatever you decide, someone will be unhappy.

72/3 Joe KK5NA

-----Original Message-----

From: Marshall Emm <mgemm@mtechnologies.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, August 04, 1998 12:24 PM
Subject: Re: New Key from Wm M. Nye Co

Hi, Wayne es Group--

>>If the keys are \$139.95 why are you asking more on the first batch you get.

They are not collector items yet but you are driving the price up already. Just another way to make a Big profit I guess. After you sell serial number 9 they will be back to the correct price? Guess I had better crawl back into my hole. Off of soap box now.

<<

First off, I'm not out to make a "Big Profit" on these, and wish now I had said up front that a substantial portion if not all of any "surplus profit" on them is going to be donated to some worthy but as yet undetermined cause. I didn't say it because I wasn't sure there would be any surplus profit. But now I am [g], and am quite happy to entertain suggestions as to where it should go.

My first inclination was to just let them go at retail but a couple of my collector customers started to get really worried and warned me that I was going to seriously annoy some people if I didn't at least give them a chance at the 330C's.

Please keep in mind that these just happen to be the first off the line of what will be a permanent production item for Nye, and emphatically NOT something introduced and advertized as a "collector's key." Neither Nye nor Morse Express is interested in becoming a telegraphic "Franklin Mint."

Date: Tue, 4 Aug 1998 16:55:32 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16828] ByteMark Amidon Surplus
Message-ID: <000001bdbfea\$382d7e80\$d0241ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, my manager got wind that I had cleared out a few of our overstocked T68-2's ... I guess she liked the idea, as I now have a larger list of 'clearance' specials. These are all here under the same circumstances, over shipments.

The sale prices only apply to bundles of ten --

Part Number	Sale, 10 QTY	Regular (each)
FT37-43	\$4.50	\$.60
FT50-67	5.75	.75
FT82-61	9.00	1.20
T16-10	2.90	.40
T20-10	2.90	.40
T20-17	2.90	.40
T25-17	2.90	.40
T44-6	4.50	.60
T80-10	9.50	1.20
T94-6	14.00	1.85

Some are more plentiful than others. This is currently ONLY on this list, but I will be posting it to some news groups in the next few days, more than likely Thursday late or Friday early. No disclaimers apply, your mileage may vary.

Tracy Markham, N4LGH
ByteMark / Amidon
www.bytemark.com
tracy@bytemark.com
800 679-3184

Date: Tue, 4 Aug 1998 13:44:54 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Tracy <Tracy@bytemark.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16829] Re: ByteMark Amidon Surplus
Message-ID: <Pine.LNX.3.96.980804134433.32392B-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 4 Aug 1998, Tracy wrote:

> Part Number	Sale, 10 QTY	Regular (each)
> FT37-43	\$4.50	\$.60
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> T20-17	2.90	.40
> T25-17	2.90	.40
> T44-6	4.50	.60
> T80-10	9.50	1.20
> T94-6	14.00	1.85

What do you recommend? :)

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Tue, 4 Aug 1998 15:10:13 EDT
From: SKIPNC90@aol.com
To: n5inz@Juno.com, qrp-1@Lehigh.EDU
Subject: [16830] Re: Elmer 300- another starting point
Message-ID: <37c43ecb.35c778b7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-08-03 21:13:07 EDT, n5inz@juno.com writes:

<< "Ugly Construction" is just two words. They mean nothing. Someone mentioned that some of the best looking gear they ever saw was using the methods outlined in these posts.

Agreed. On the other hand...look at the work of Wes, W7ZOI,
>>
Hi Gang.

I agree also. I have built several projects this way and they all worked very well. I built VFO's using "Ugly construction" and subed caps until I had it rock stable. Then made a PCB and using the same parts ended up with a slow sweep generator. Had to start cap subing again.

I try out a lot of circuits this way making small building blocks.

73 De Skip NC90

Date: Tue, 04 Aug 1998 17:44:51 EDT
From: we6w@juno.com (Ed D. Loranger)
To: qrp-1@Lehigh.EDU
Subject: [16831] QRP and Computers
Message-ID: <19980804.143943.5335.3.we6w@juno.com>

Well folks, here I am enjoying my vacation (2 days only :(, and seem to be limping along with my juno account sometimes working with the old RPI chipset modem...

I've been playing around with RUFZ, Supermorse 4.15, pileup, etc... Lots of fun! I'm soon to be making a parallel port connector so I can use my NORCAL Paddles with the Pileup program.

The kids keep wanting to use this 386 CPU machine for games and just don't understand my drive toward the full-fledged CPU-RIG connection someday.

I just joined the QRP-l list with my juno account, so y'all can get the 'kid' at home now! Time to QRT the lunch hour list access and go 100% para las letras electronicas. (Actually, how does one say email in espanol?)

So my home email address is now: <mailto:we6w@juno.com>

If anyone has any tips/hints on what really works on a 386 CPU for ham radio application -- I'm all ears.

Thanks Gang!
-Ed <http://www.qsl.net/we6w>
72, Ed WE6W
Enjoying Ham Radio every day!

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 4 Jul 1998 14:50:57 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@Lehigh.EDU>
Subject: [16832] NorCal 20 Info
Message-ID: <01bda795\$d3f5a9e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We received 225 orders the first day, Aug. 1, which means that we have had a tremendous response. Thank you. We will take the orders in first come, first serve basis. No lottery, etc. Just the first 500.

Jim is on a short vacation trip and will return next week. Please do not call him, as he is not there. Don't worry, there is someone getting the mail.

Jeff Gold asked if we were going to publish the list who purchased. The answer is No, we have enough work to do without making more for ourselves. If you are thinking about ordering one, you better hurry. These are going

fast, and there is only one run of 500.

Dave Fifield told me last night that he hopes to have the next board rev. ready by the end of this weekend, and should be building round 2 of the prototypes next week. Dave Meacham, Mike Gipe, and Dave will build this round. They will test and compare, and then we are hopefully ready to go if there are not any major problems. RIT, and AGC have been added to the features.

One way to tell if your order has been received is to see if your check has cleared. If it has, you are in.

Also, I have been slowly going through over 550 emails that arrived while I was on vacation. I have answered most of the pertinent ones. If I have not answered yours, and you need an answer, please send it again to the address above.

I am mailing out 15 copies of QRPP that were missed due to our mistakes today. Thanks for handling it by private email. Again, if you think that you should have received QRPP for the Summer 98 issue, and you have not, please email me so we can check on it.

72, Doug, KI6DS

Date: Tue, 04 Aug 1998 18:22:31 -0400
From: Tom Bowman <tbowman@nbn.net>
To: pharden@aoc.nrao.edu, qrp-1@Lehigh.EDU
Subject: [16833] Re: WALL DRUG Update!
Message-ID: <3.0.5.32.19980804182231.008083b0@nbn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul's humor come through again with his
"obligatory QRP." But that's NOT even
a humorous close second to the back
cover of his Data Book....

Tom, WA3REY

At 01:17 PM 8/4/98 -0600, you wrote:

>
>Thanks John ... great postcard!
>
>72, Paul NA5N

>
>ObQRP: Add 30pF to C11
>
>
>

Tom Bowman <>< WA3REY, Mount Gretna, PA 17064

<http://www.mt-gretna.com> tbowman@mt-gretna.com

Date: Tue, 04 Aug 1998 18:47:39 -0400
From: Wayne Montague <montaw@tdbank.ca>
To: qrp-l@Lehigh.EDU
Subject: [16834] Geared Motors
Message-ID: <35C78F8B.6A89@tdbank.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello -

I have received a number of responses to this question - at least 6.
Some have asked for a list of sources.

I will do so.

Towards the end of this week, I'll collate(?) it all and post. I got
some really terrific ideas.

I can't give credit individually to all that answered, but I'll say a
group 'Thank You!'. You know who you are.

8-)

Wayne

End of QRP-L Digest 1173
